

FIG. 1

200

Effective index n_e
of incident light

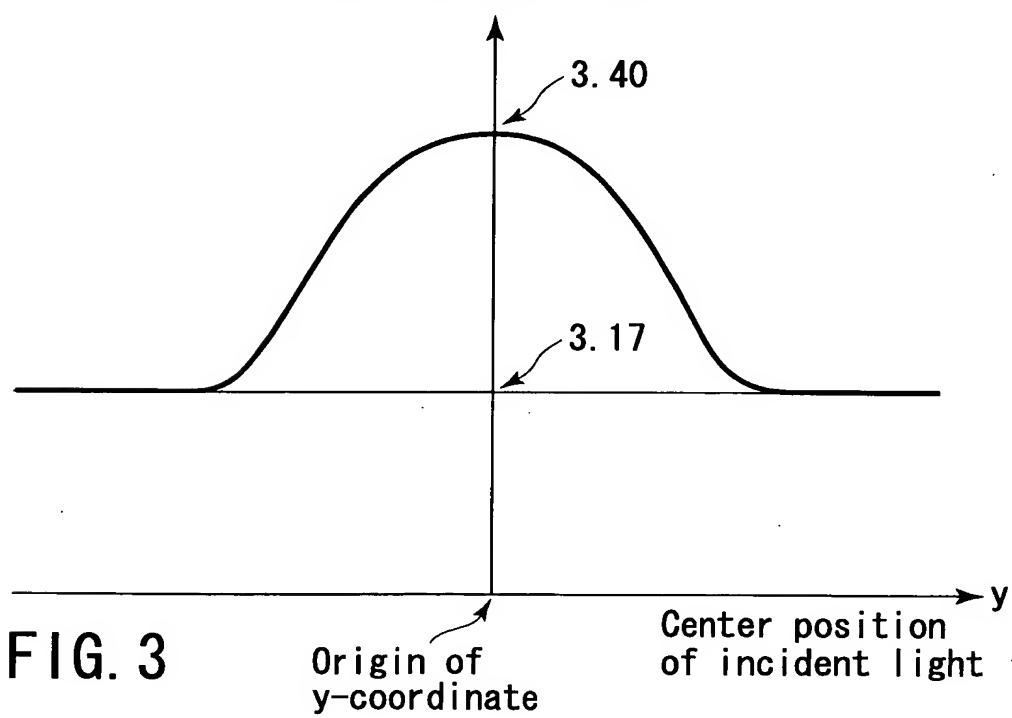
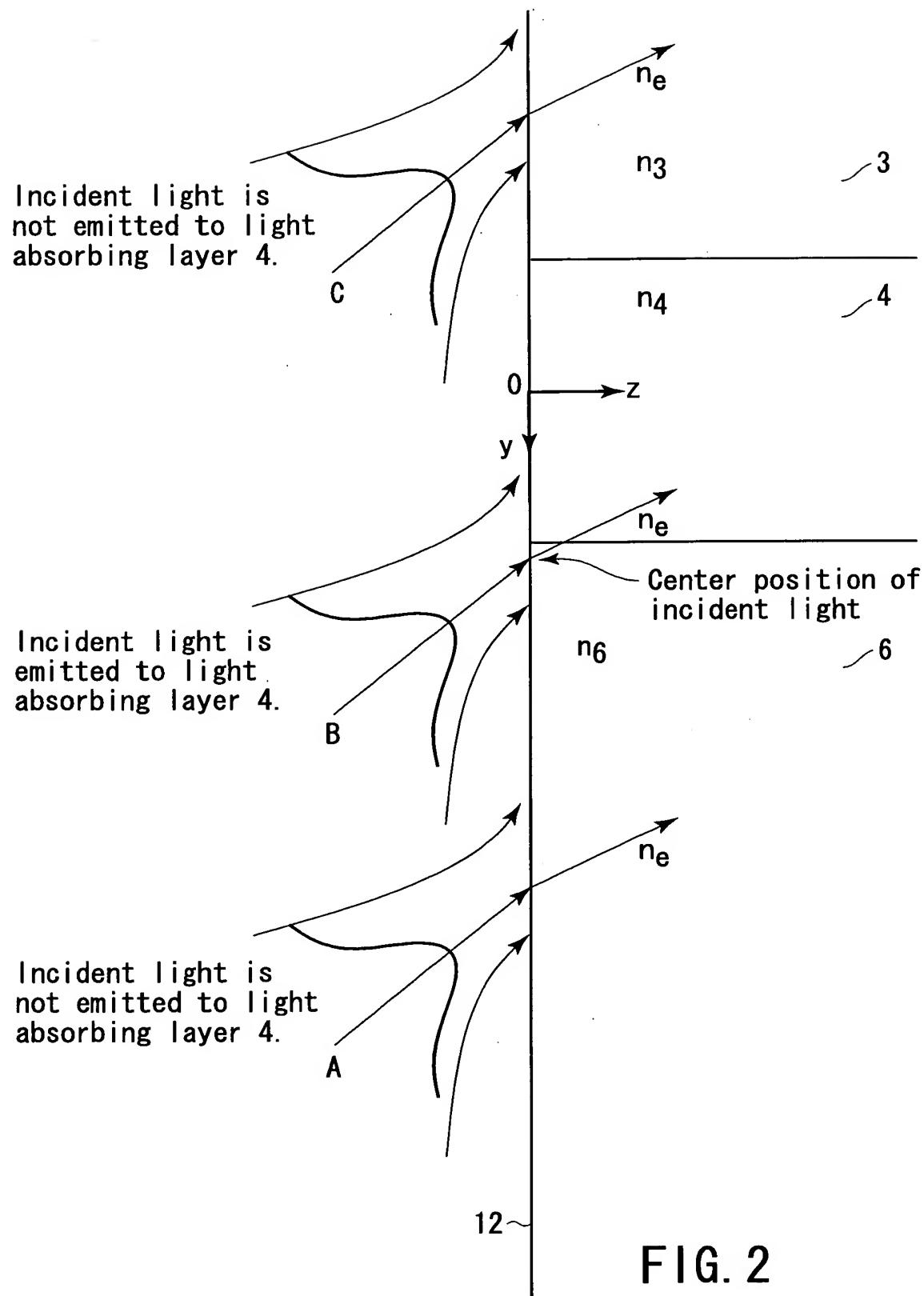


FIG. 3



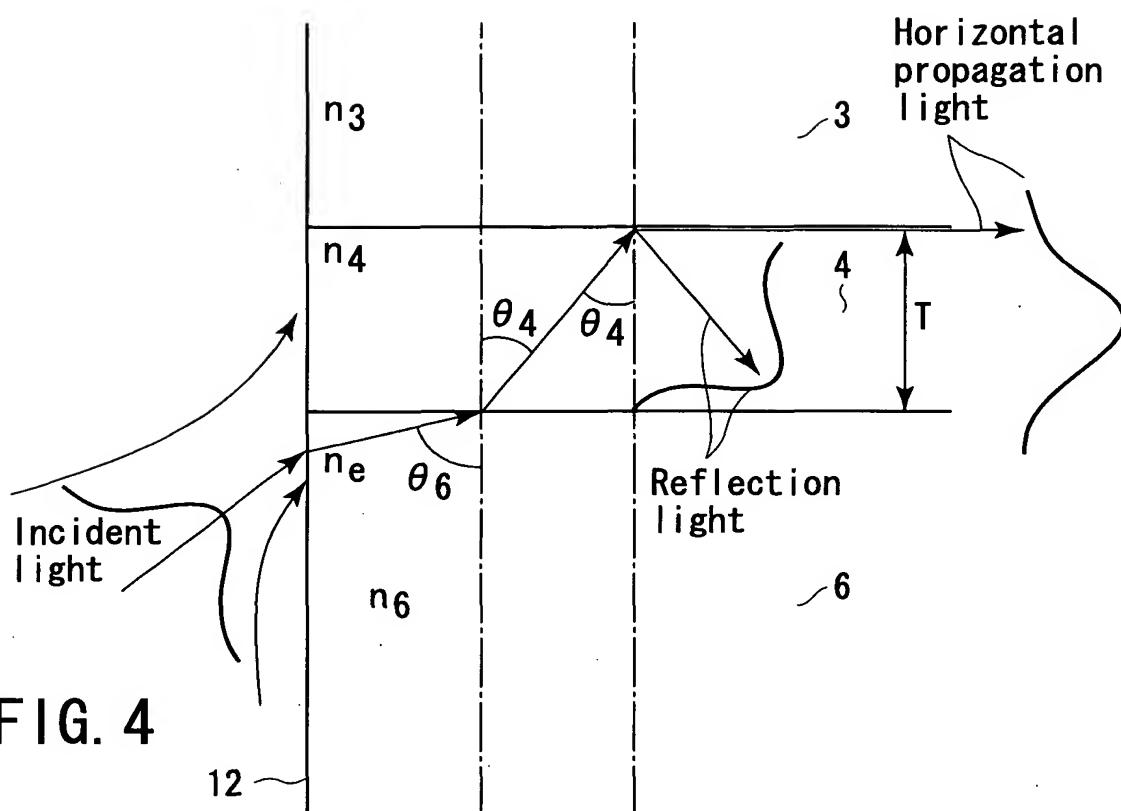


FIG. 4

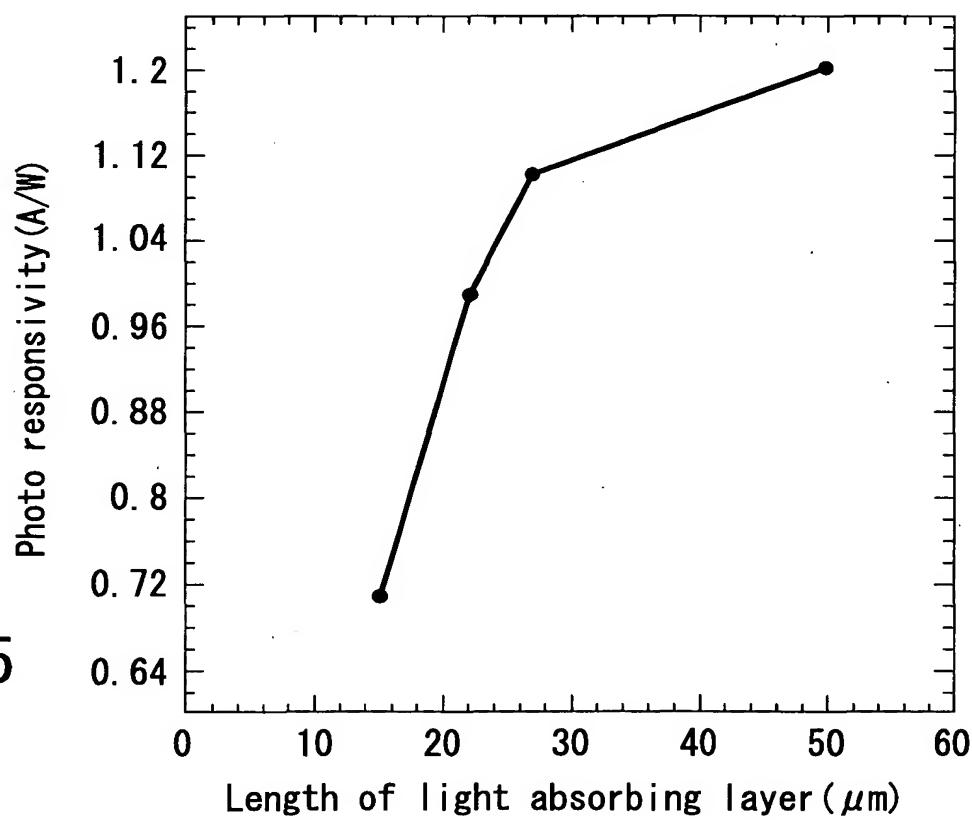


FIG. 5

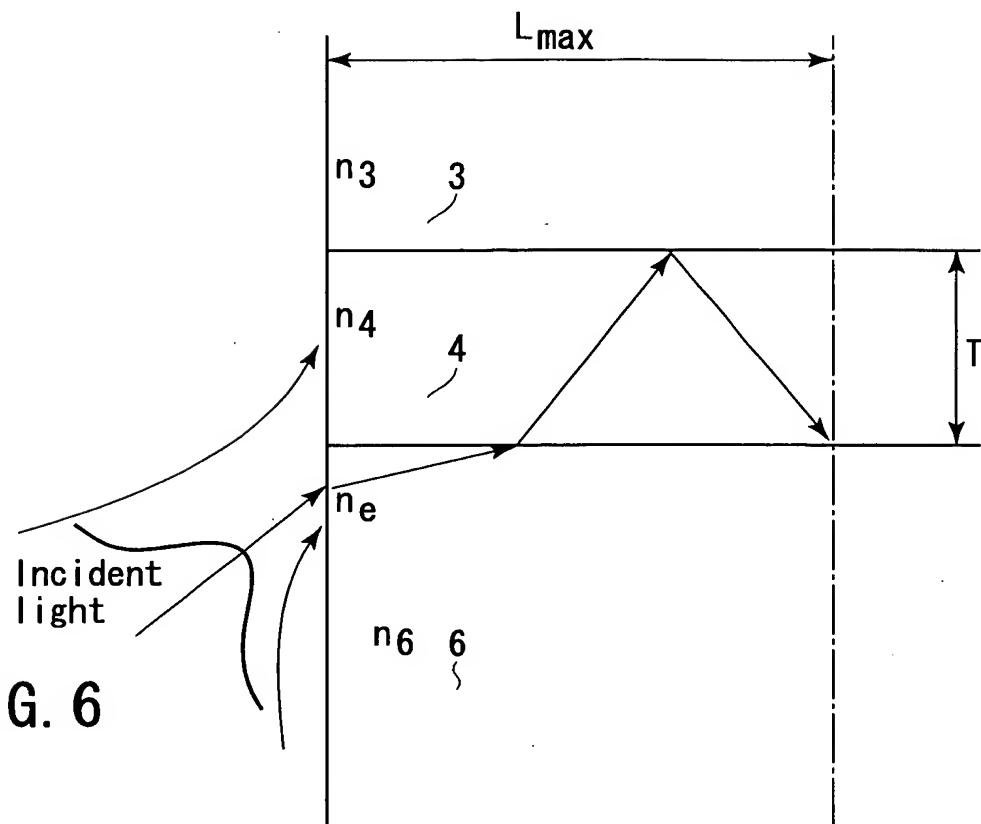


FIG. 6

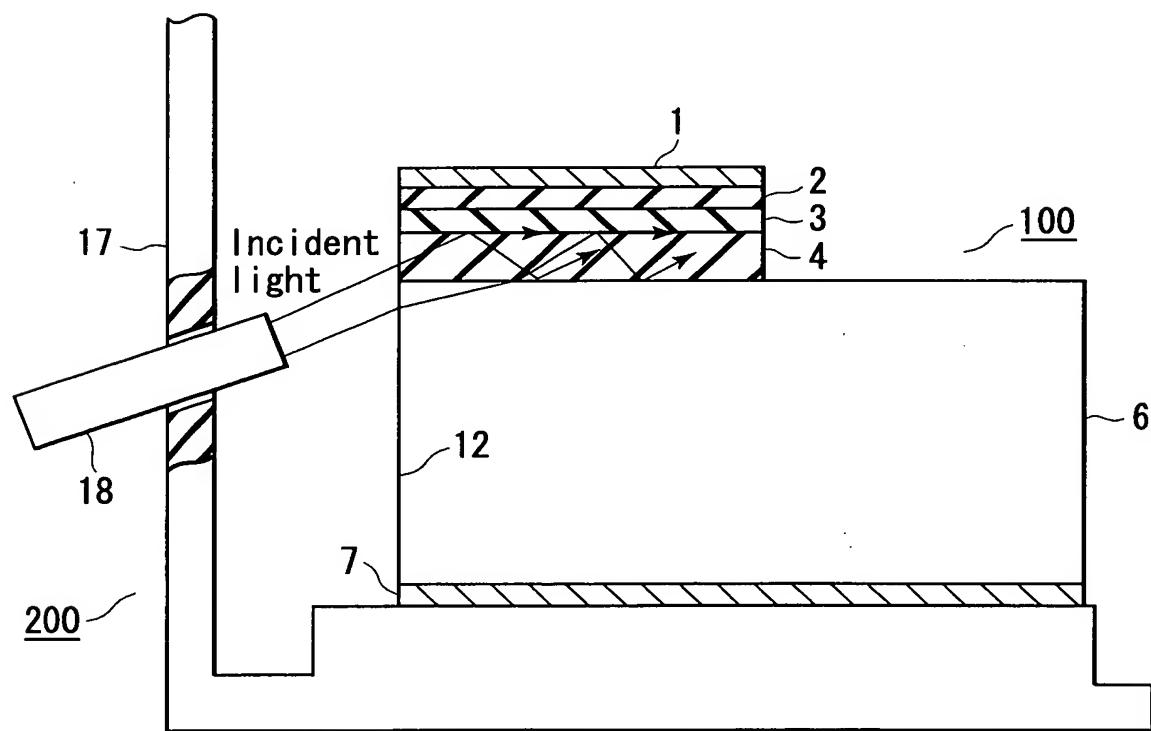


FIG. 7

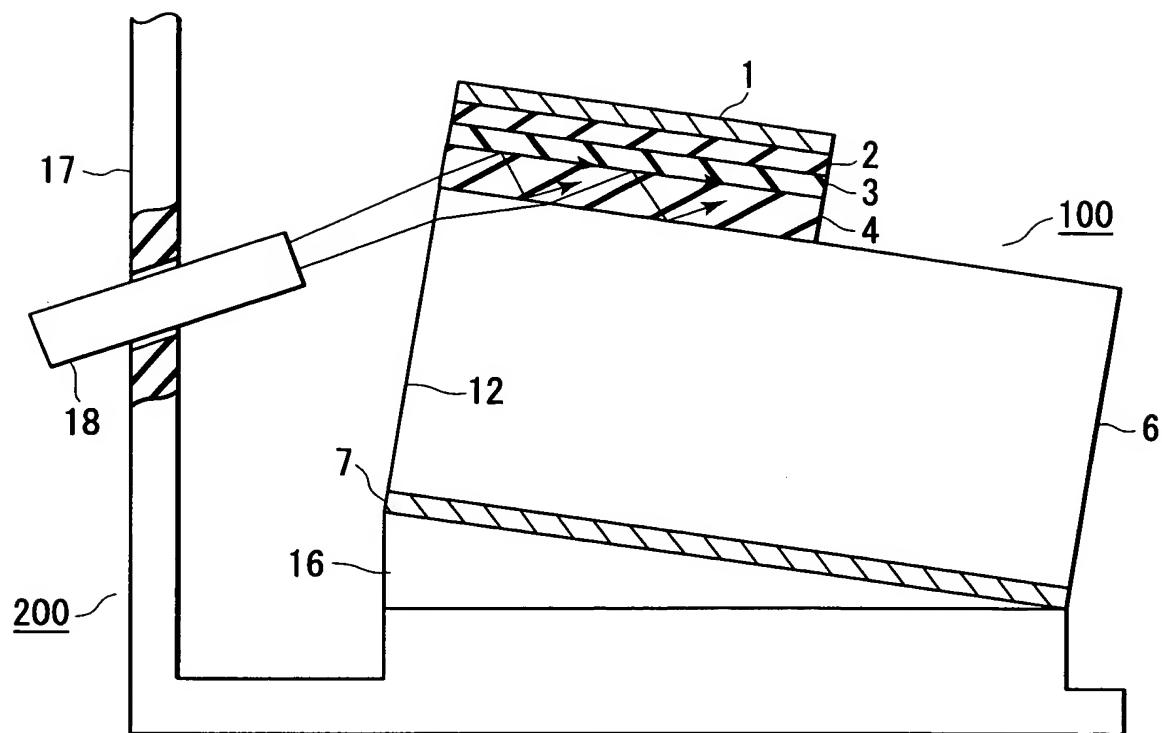


FIG. 8

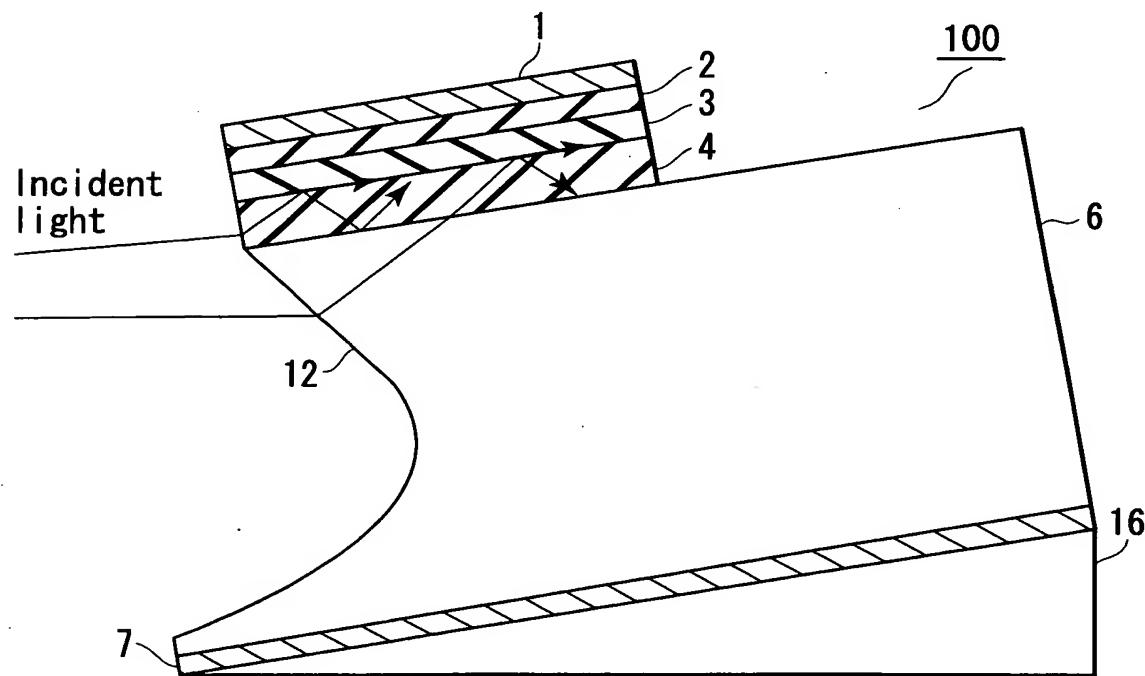


FIG. 9

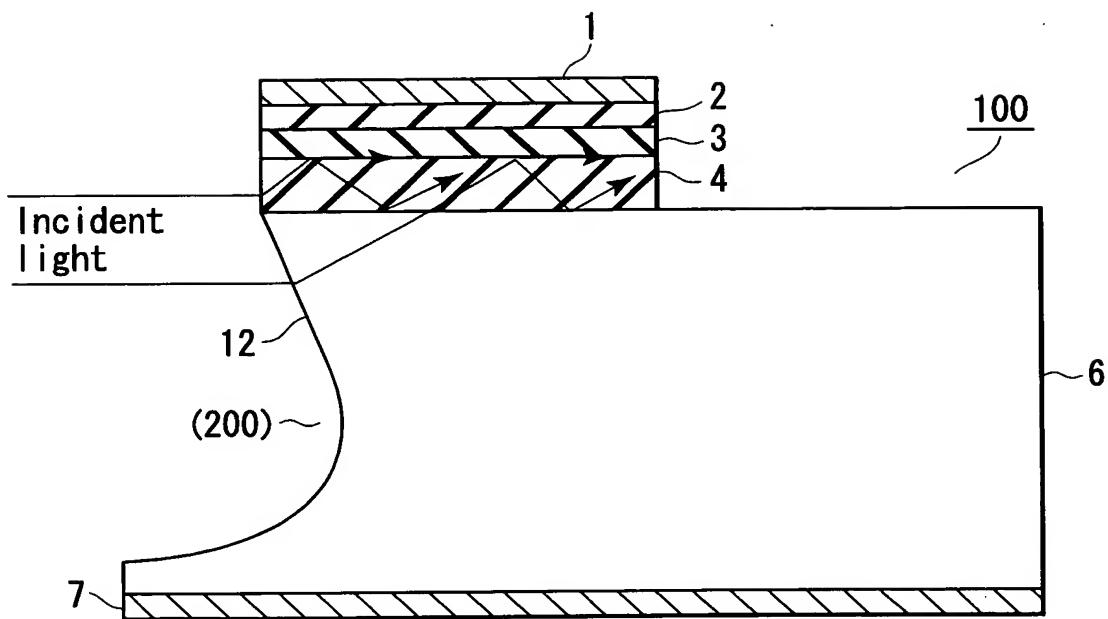


FIG. 10

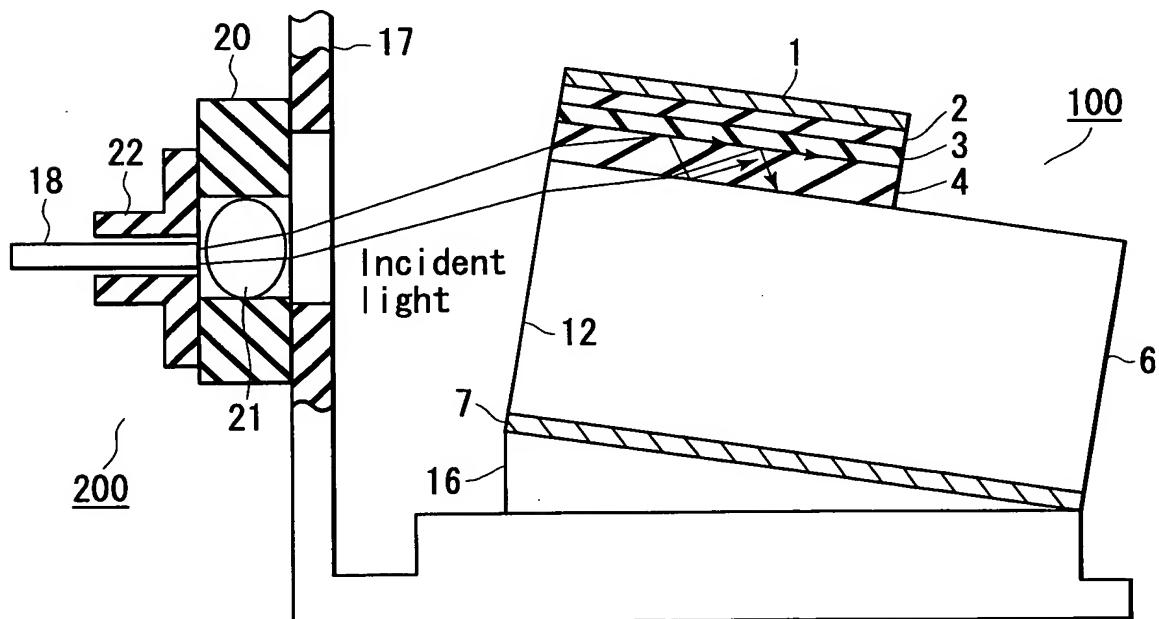


FIG. 11

FIG. 12

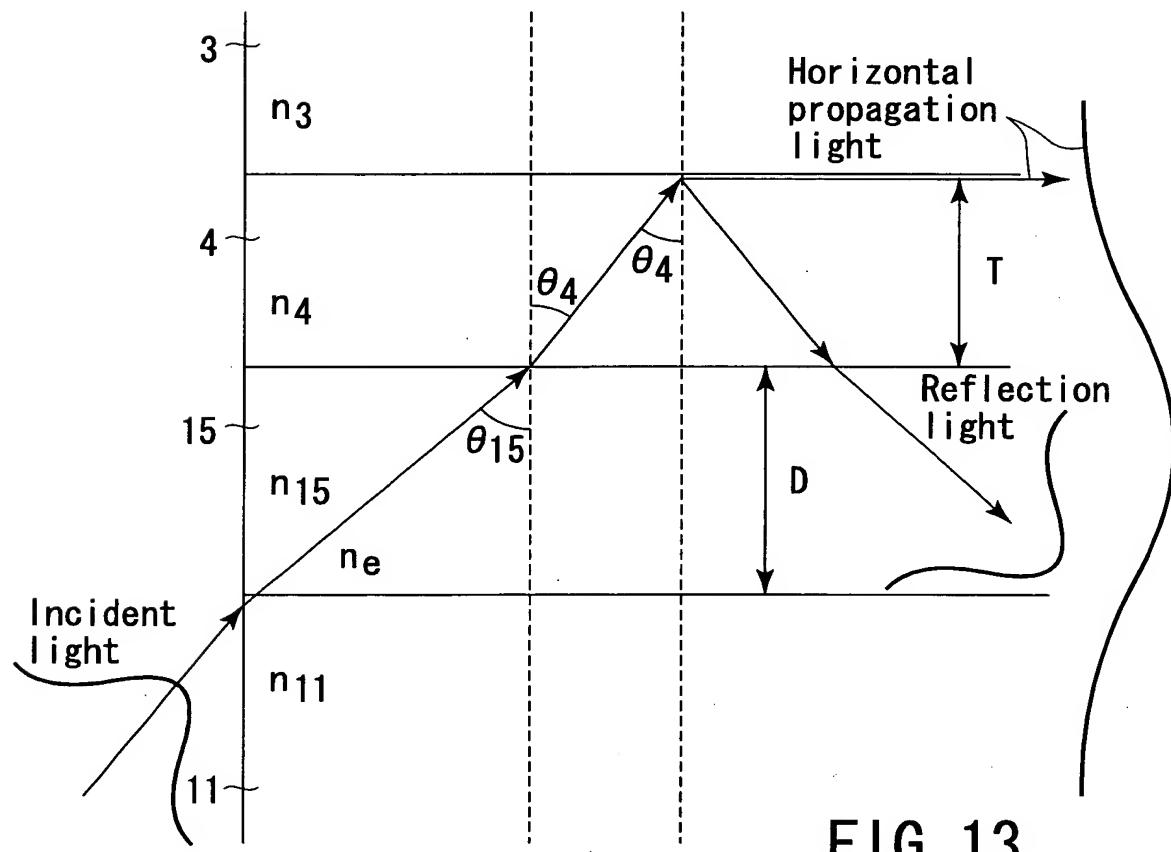
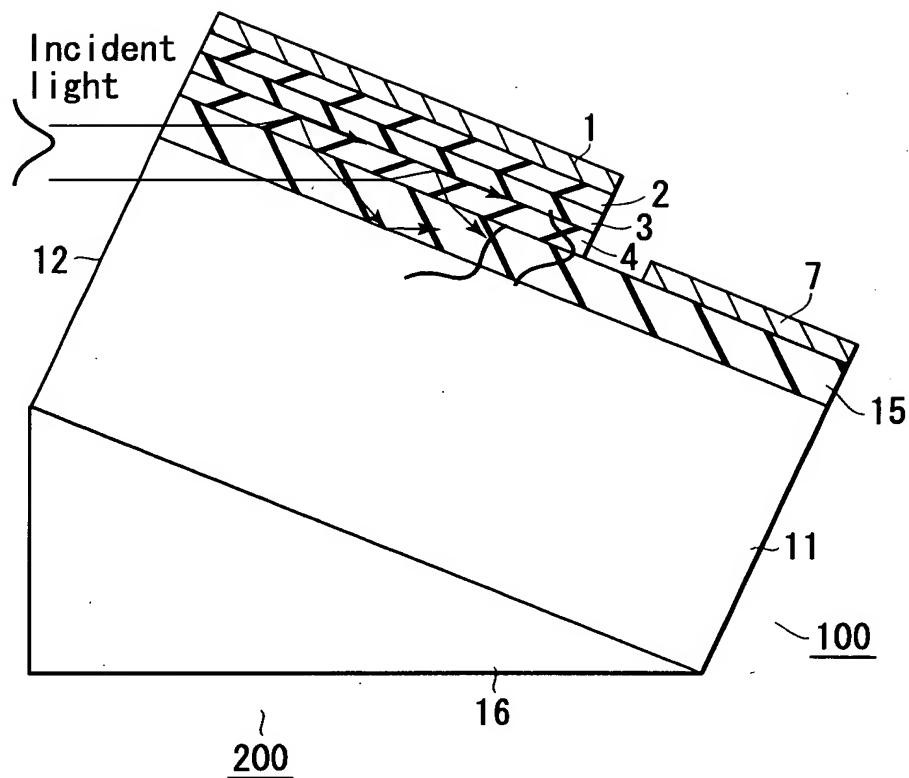


FIG. 13

Light intensity distribution

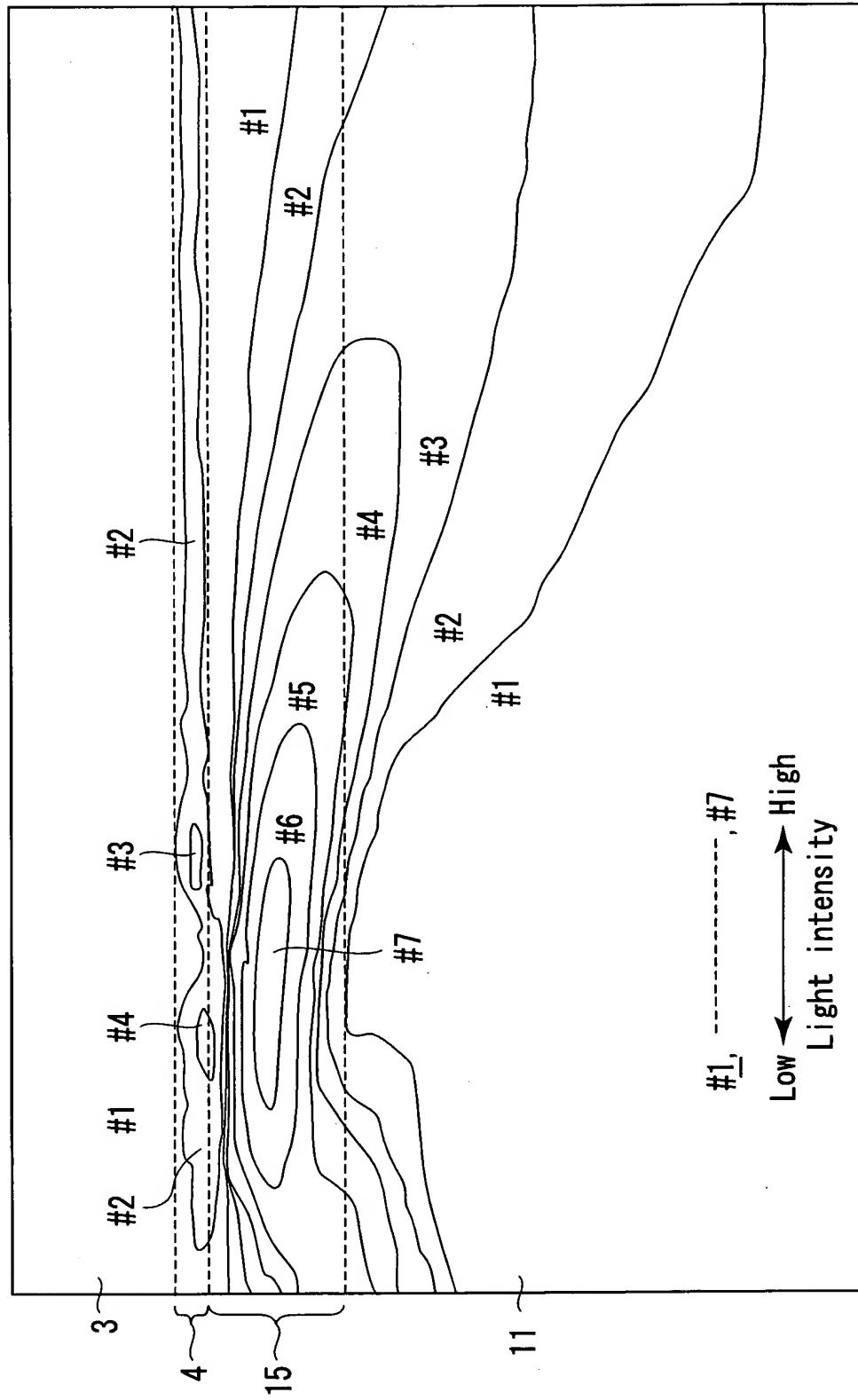


FIG. 14

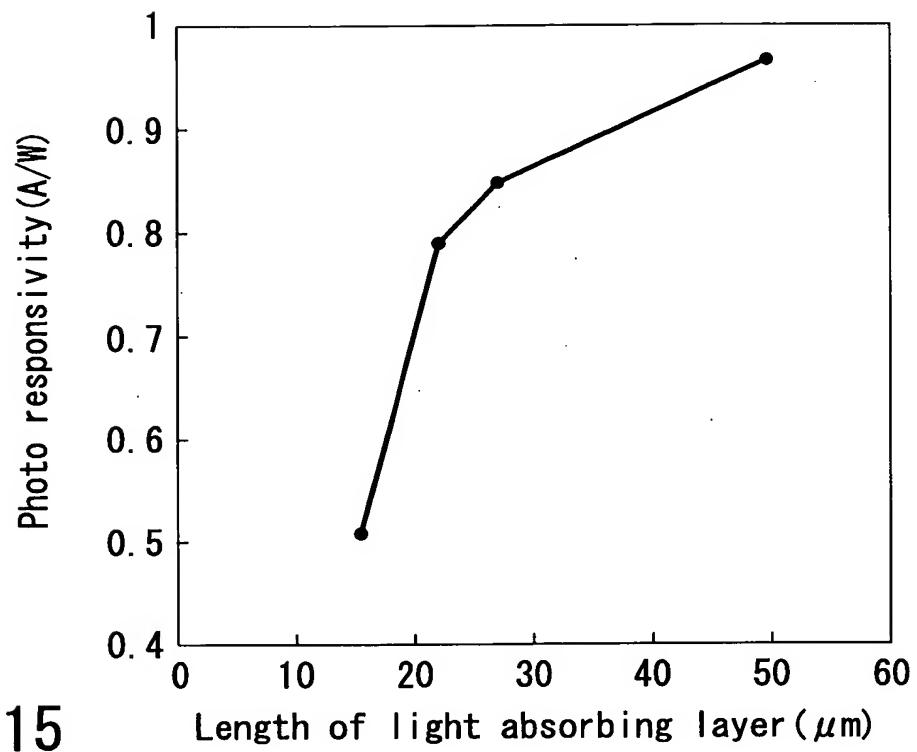


FIG. 15

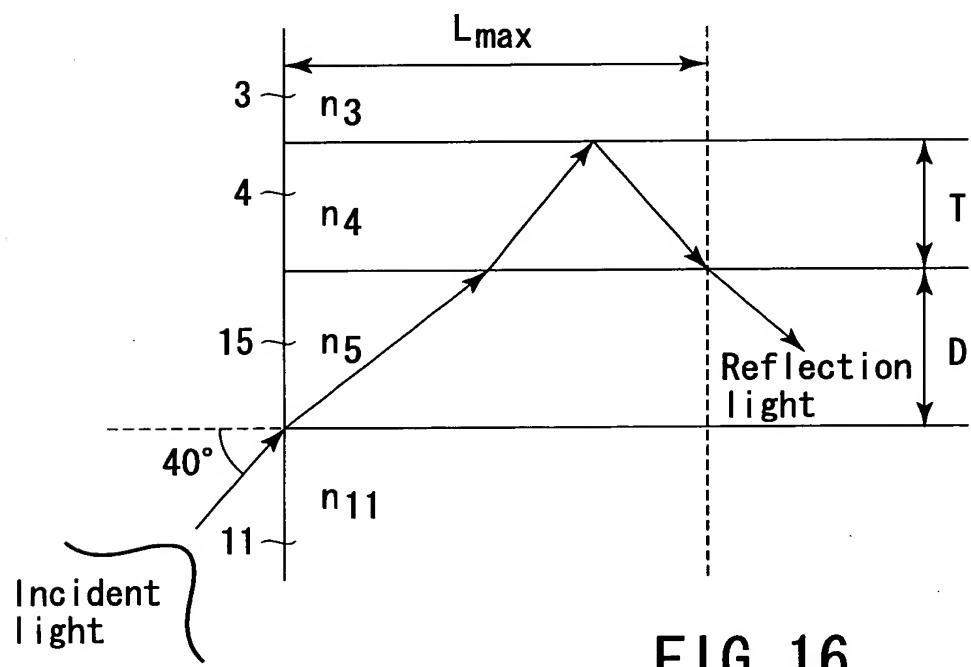


FIG. 16

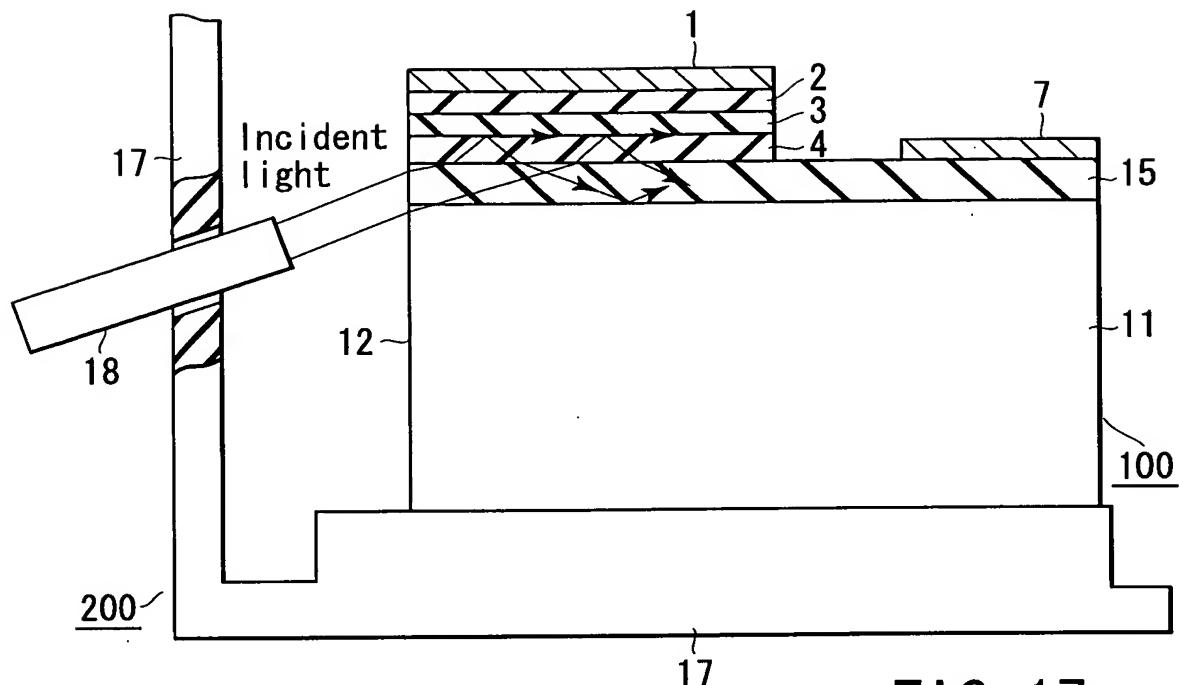


FIG. 17

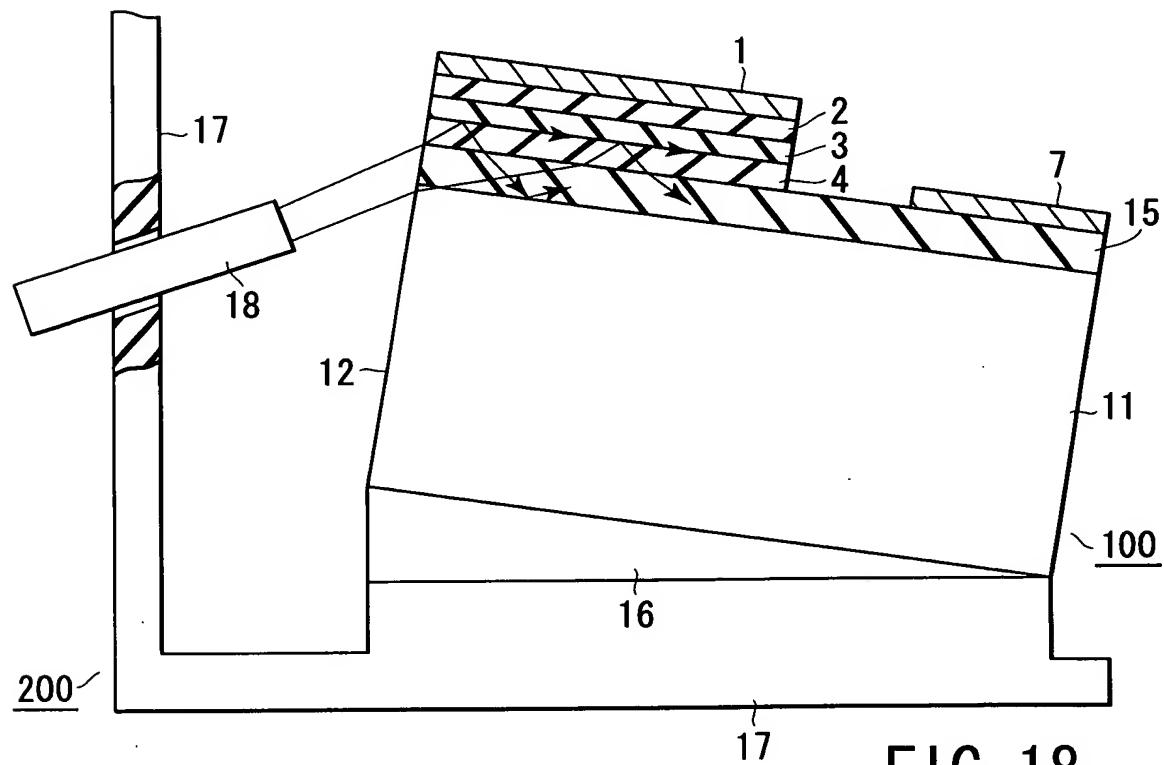


FIG. 18

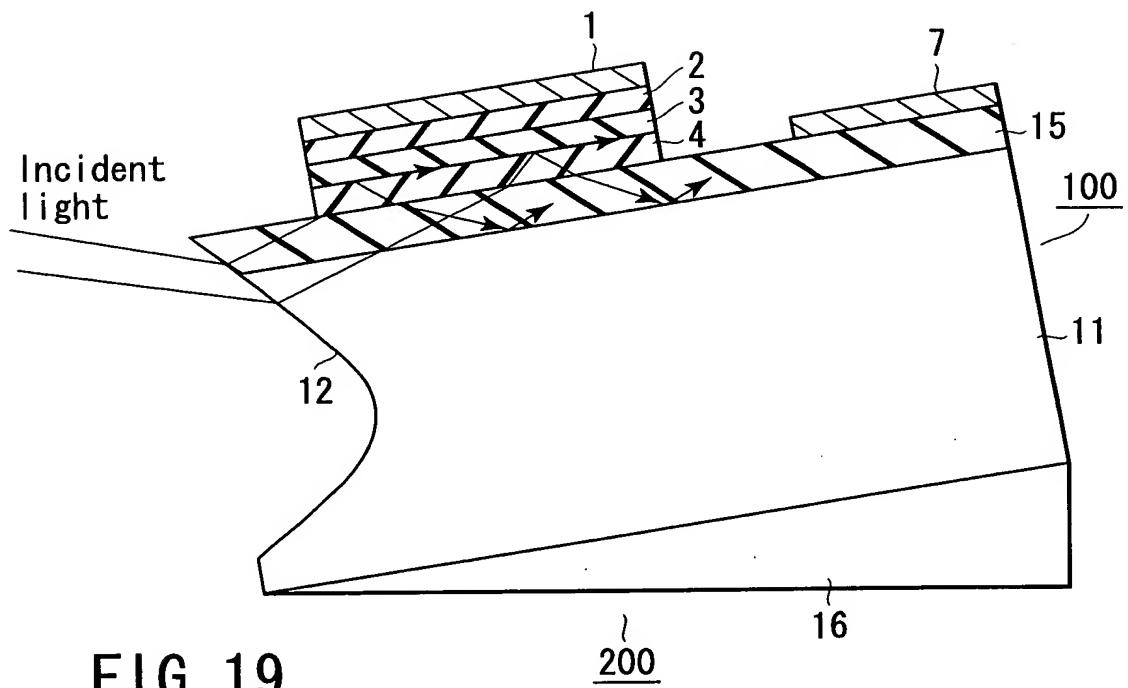


FIG. 19

200

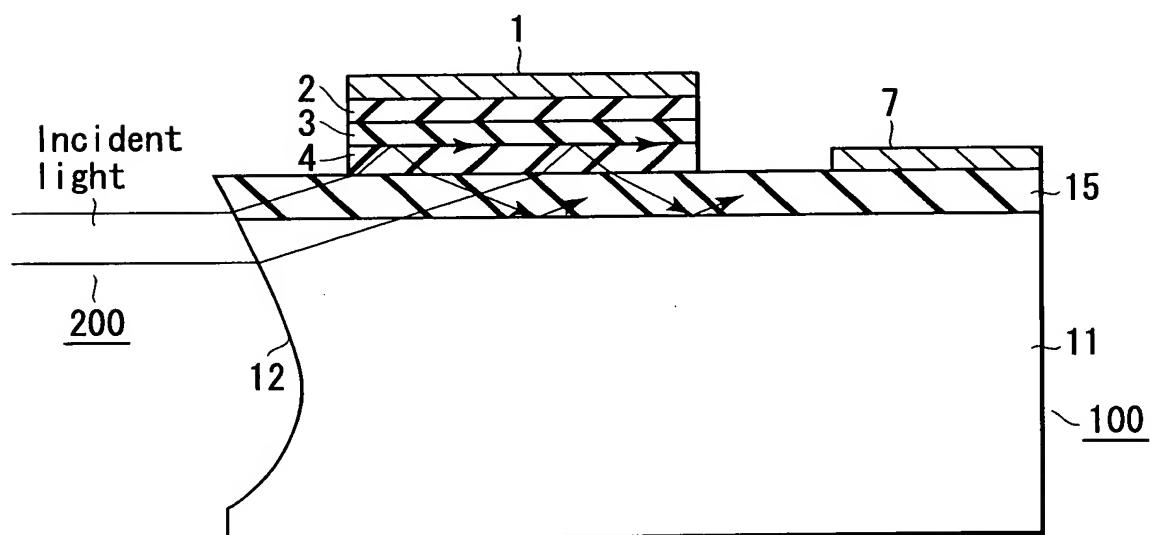


FIG. 20

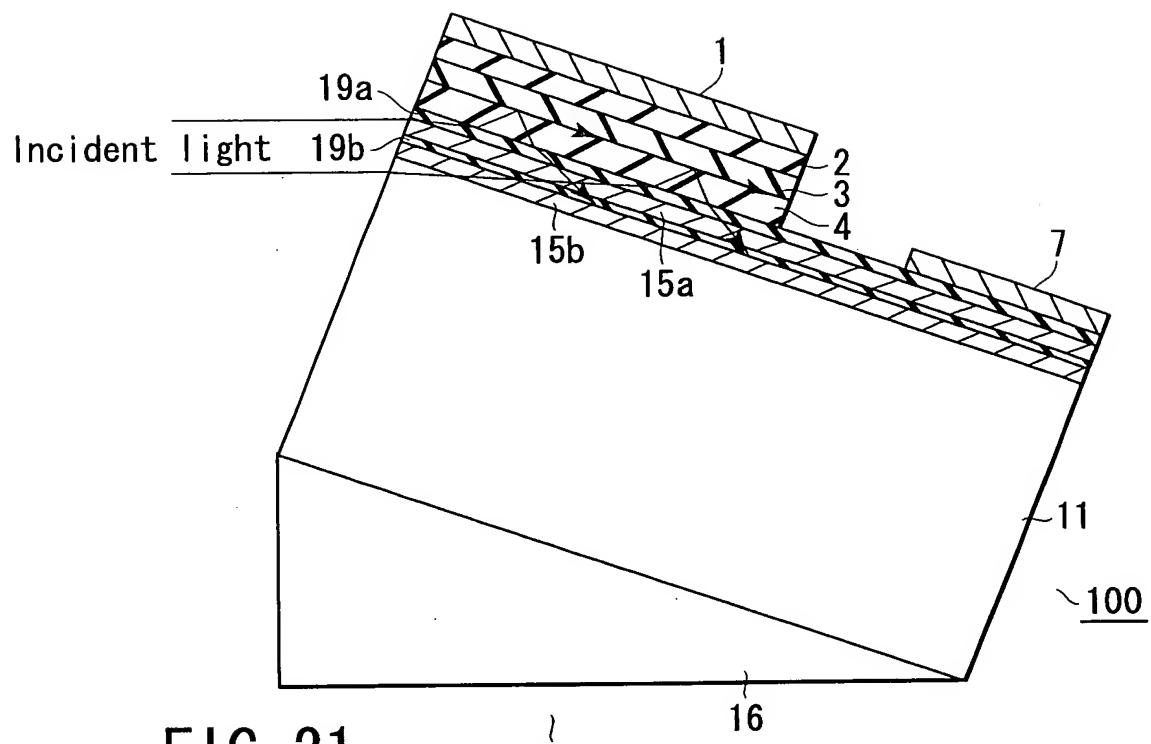


FIG. 21

200

16

11

100

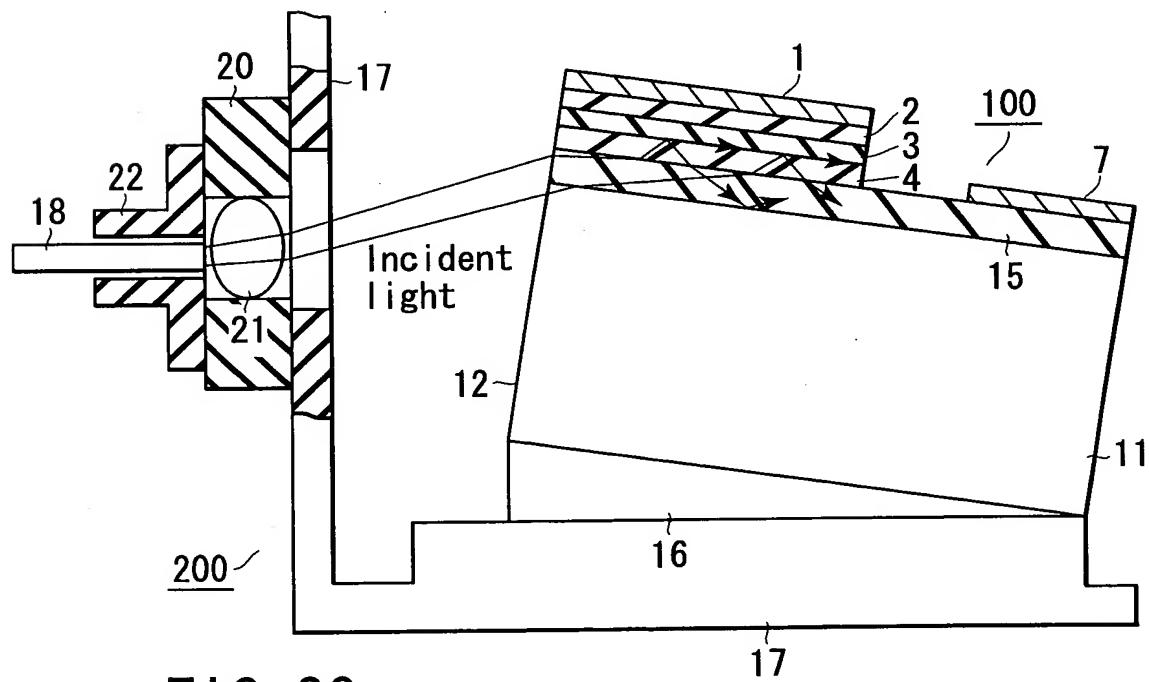


FIG. 22

16

12

17

11

100

7

15

1

2

3

4

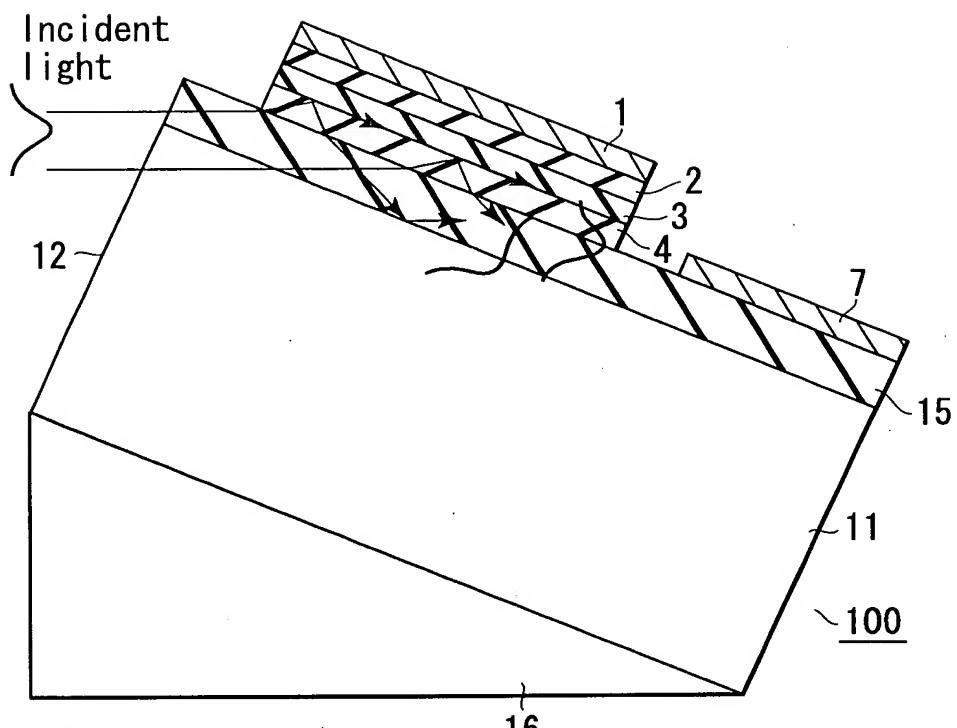


FIG. 23

200

16

100

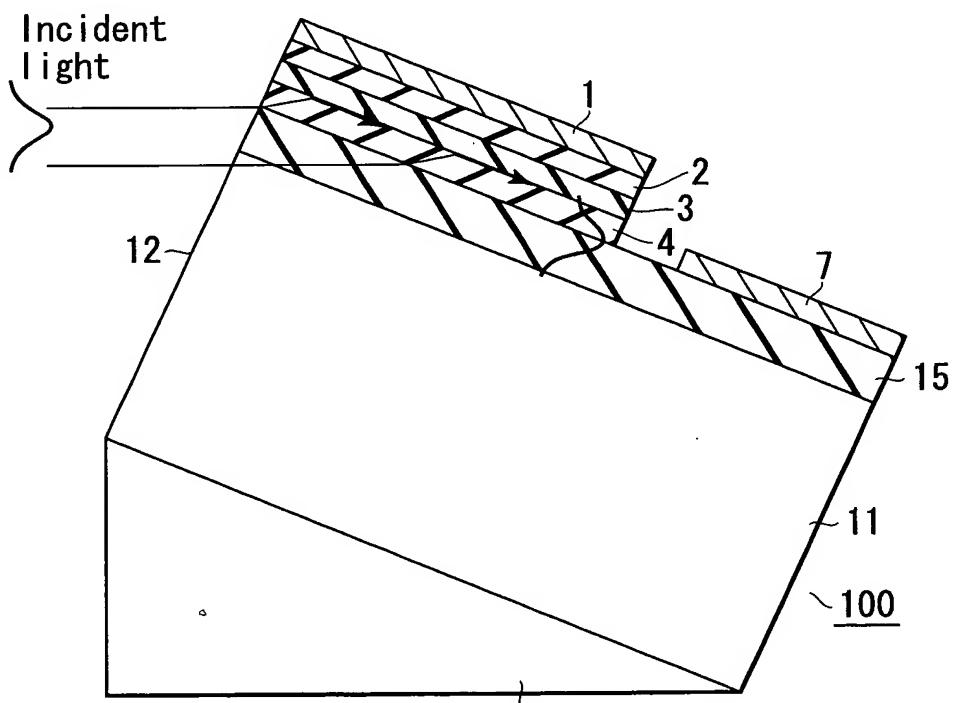


FIG. 24

200

16

100

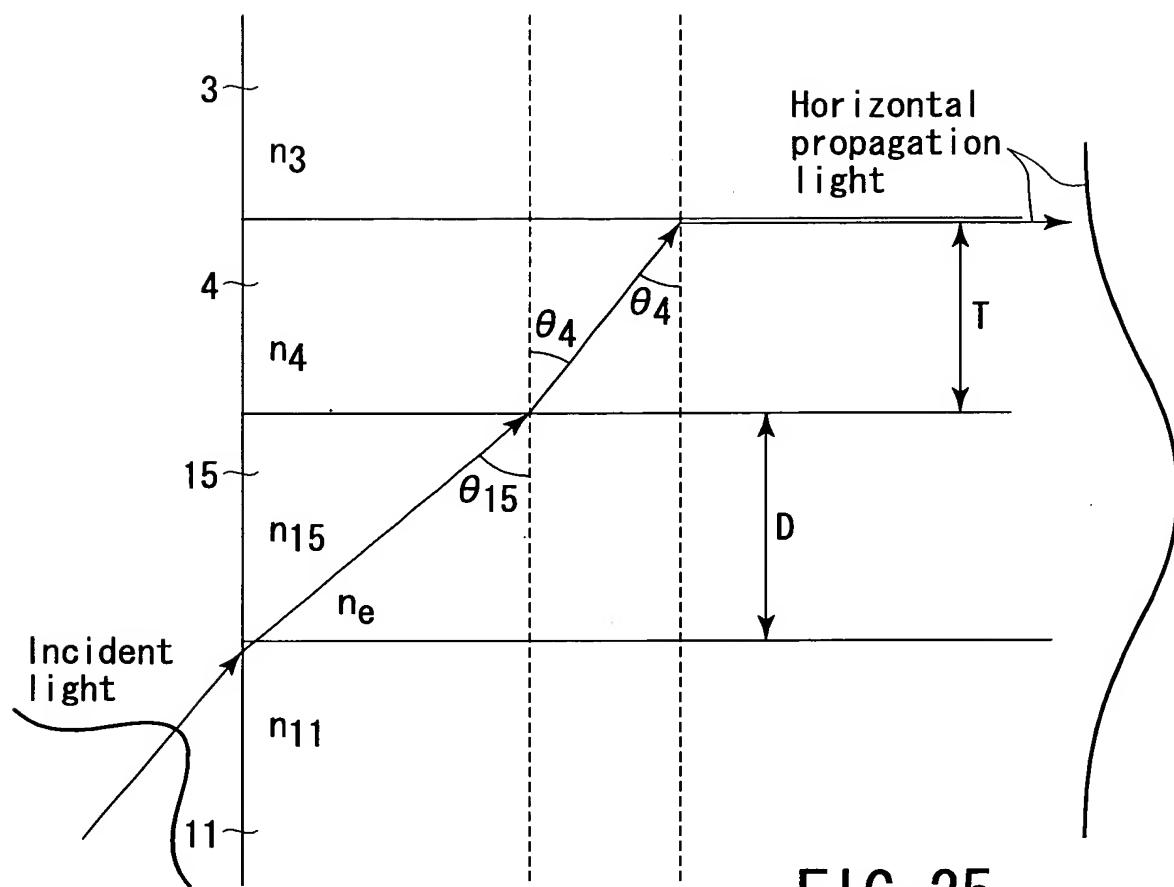


FIG. 25

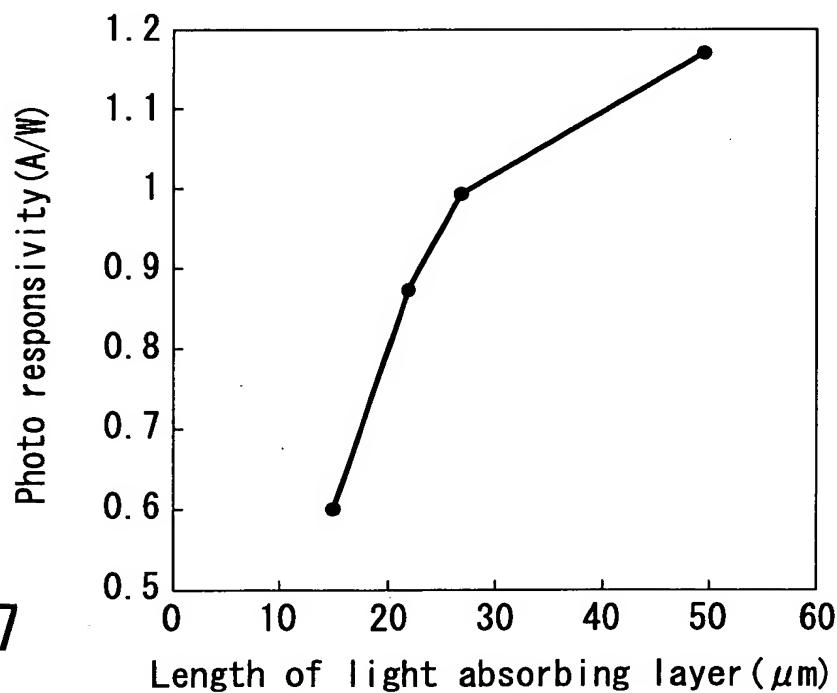


FIG. 27

Light intensity distribution

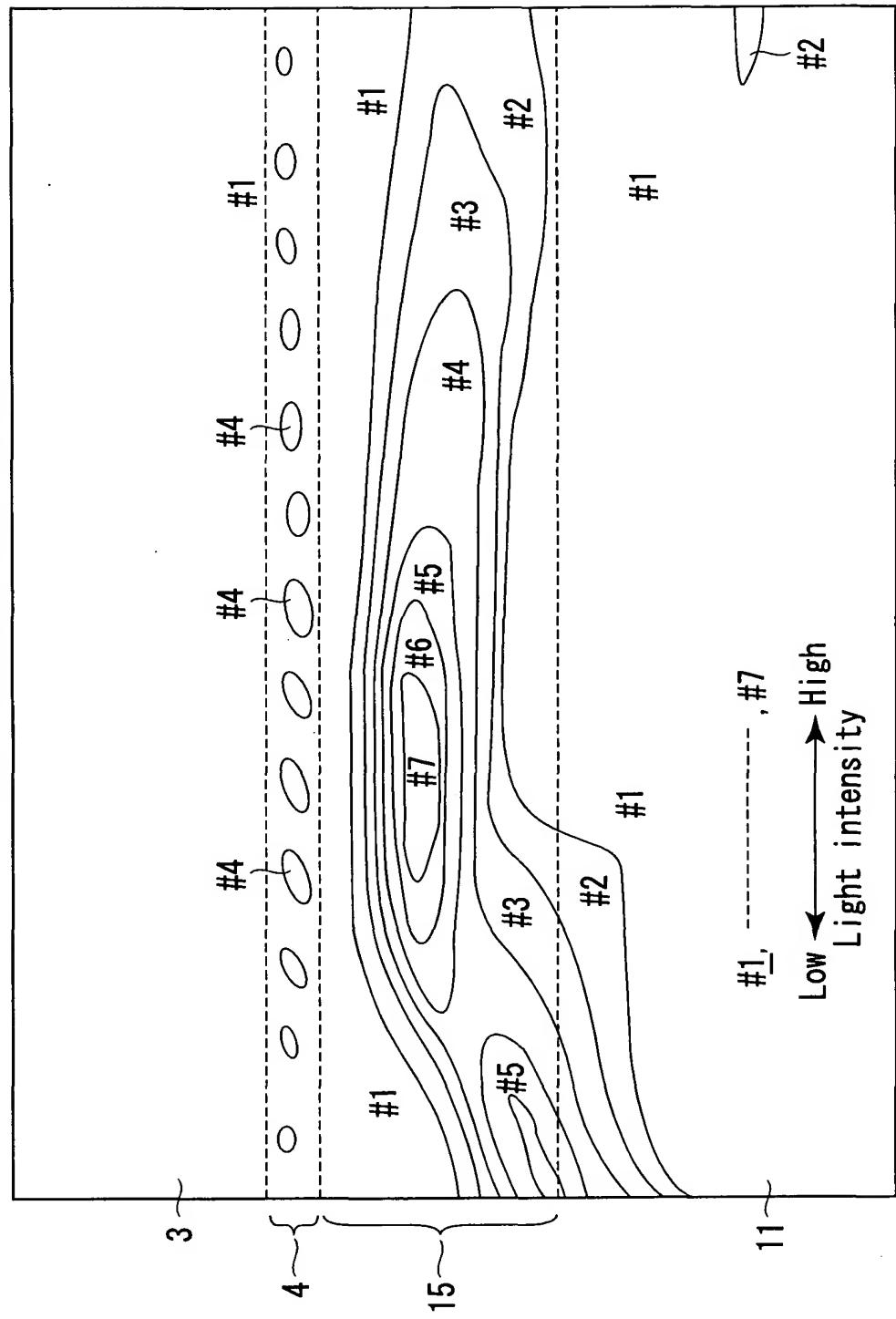


FIG. 26

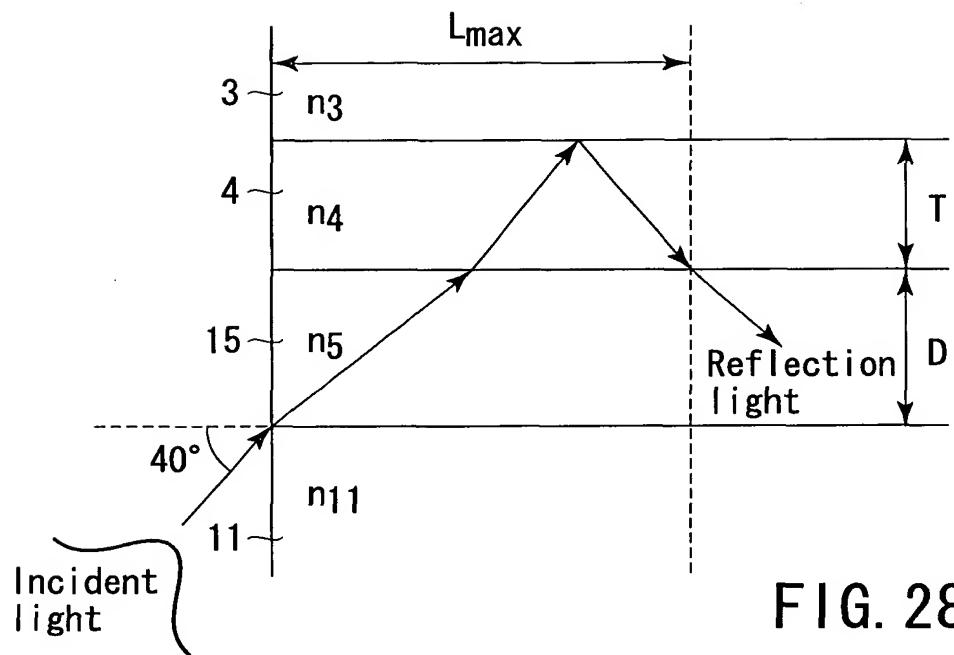


FIG. 28

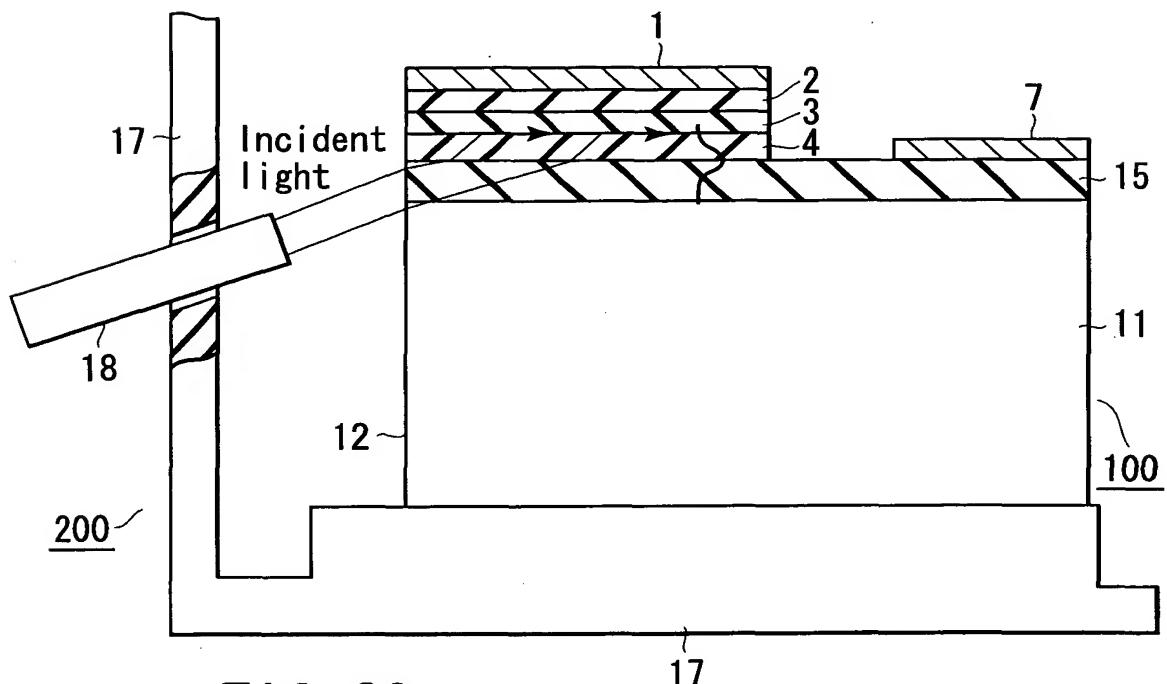


FIG. 29

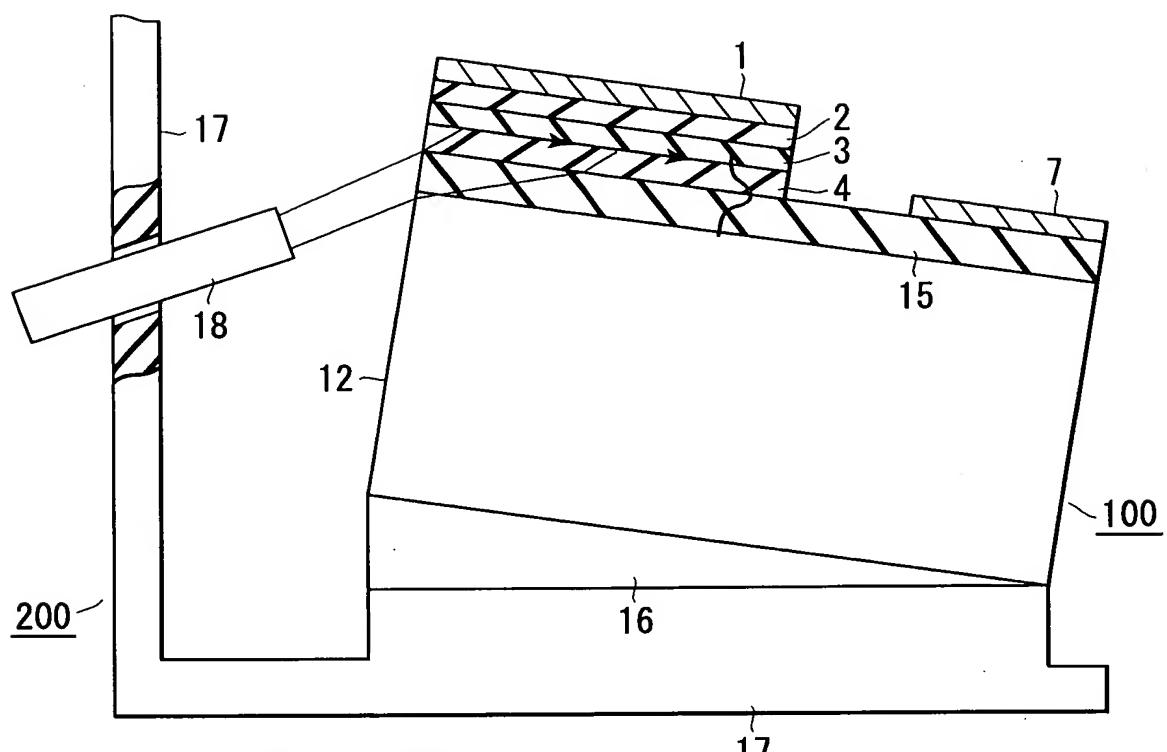


FIG. 30

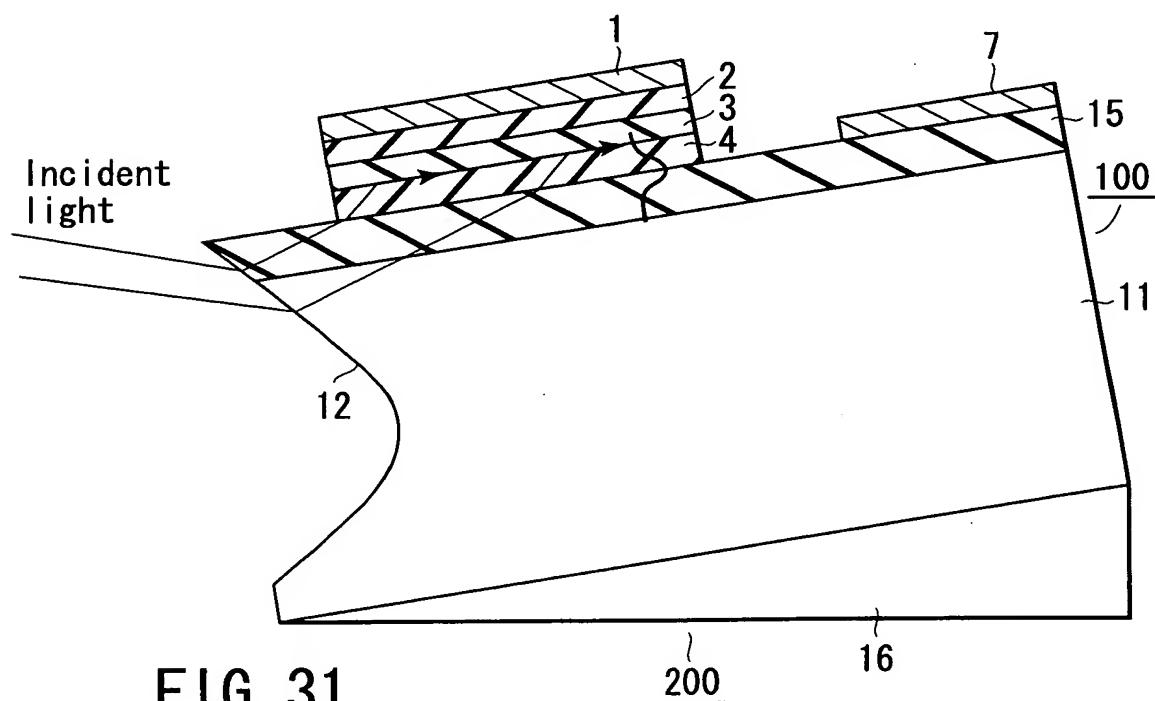
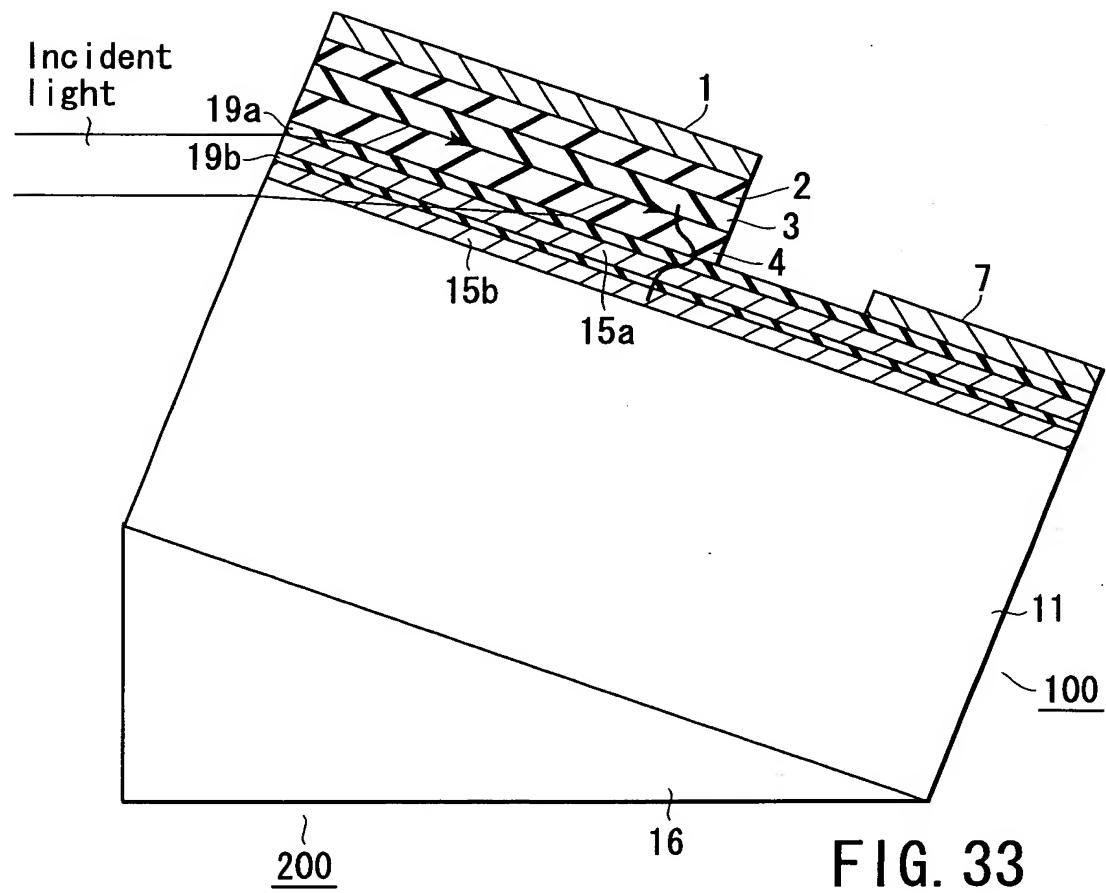
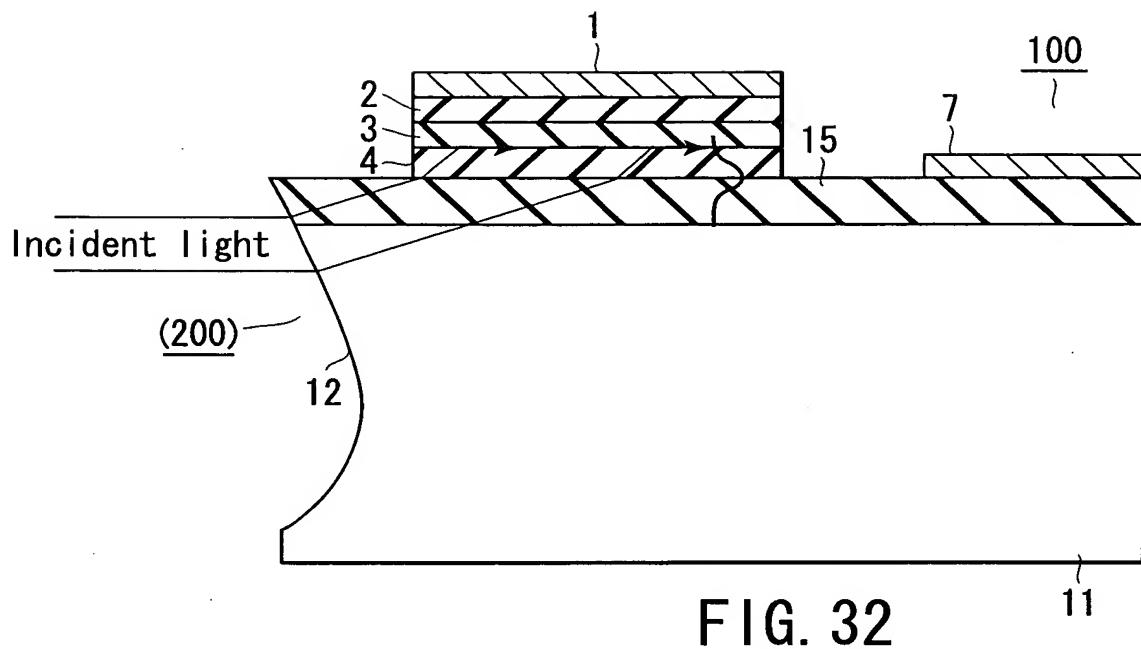


FIG. 31



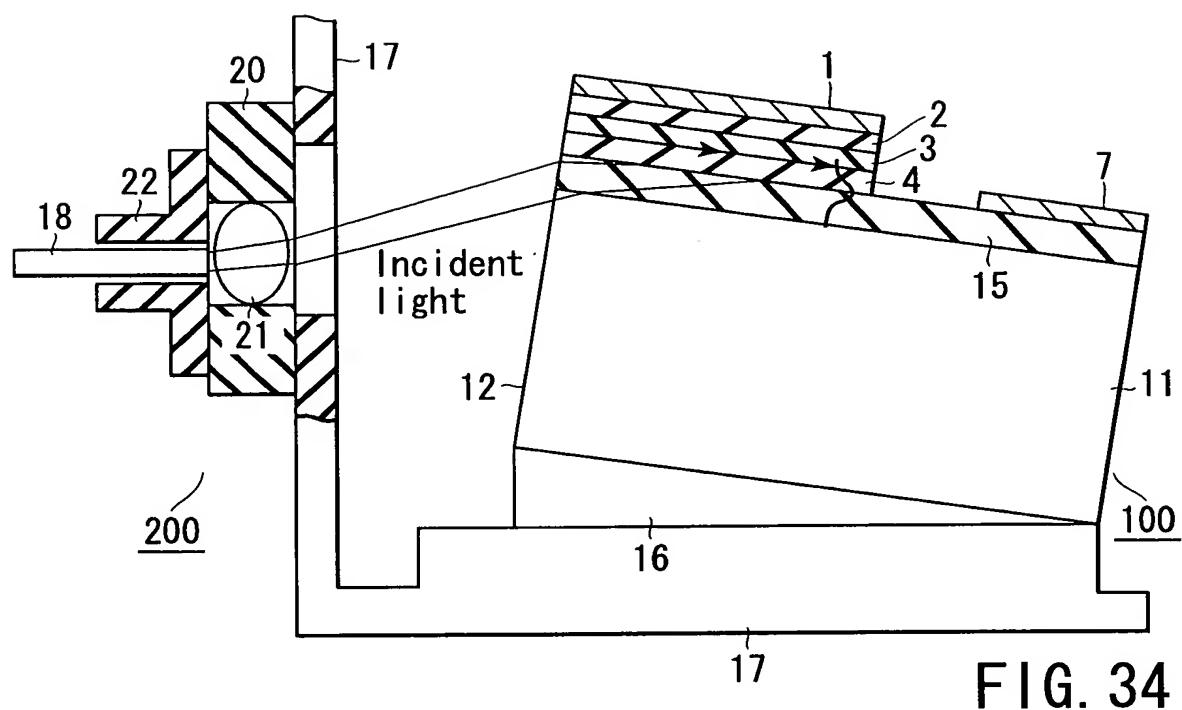


FIG. 34

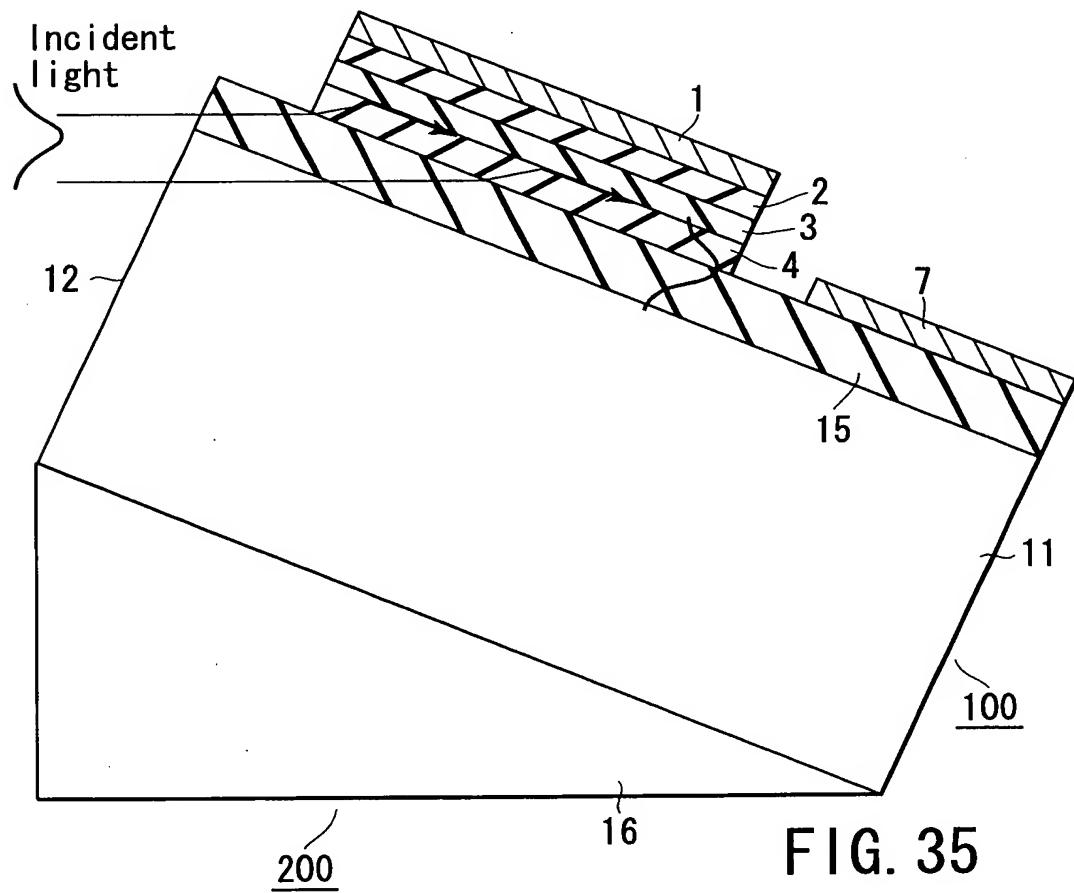


FIG. 35

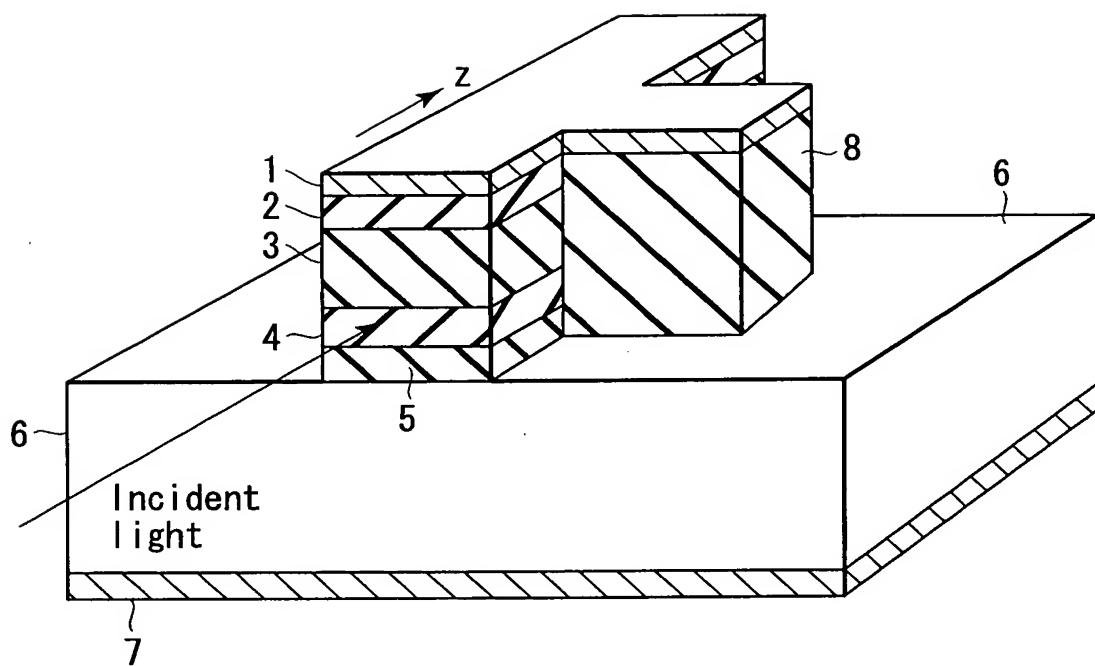


FIG. 36 (PRIOR ART)

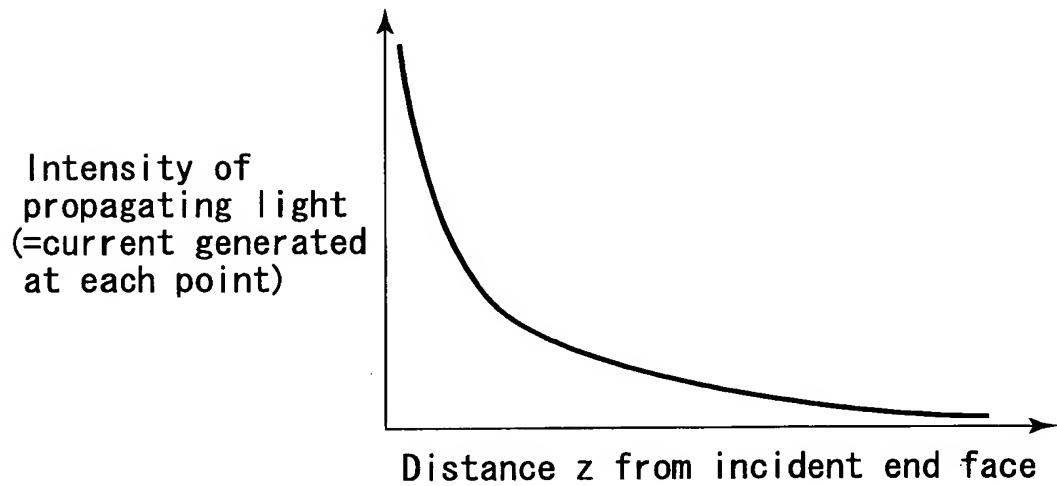


FIG. 37 (PRIOR ART)

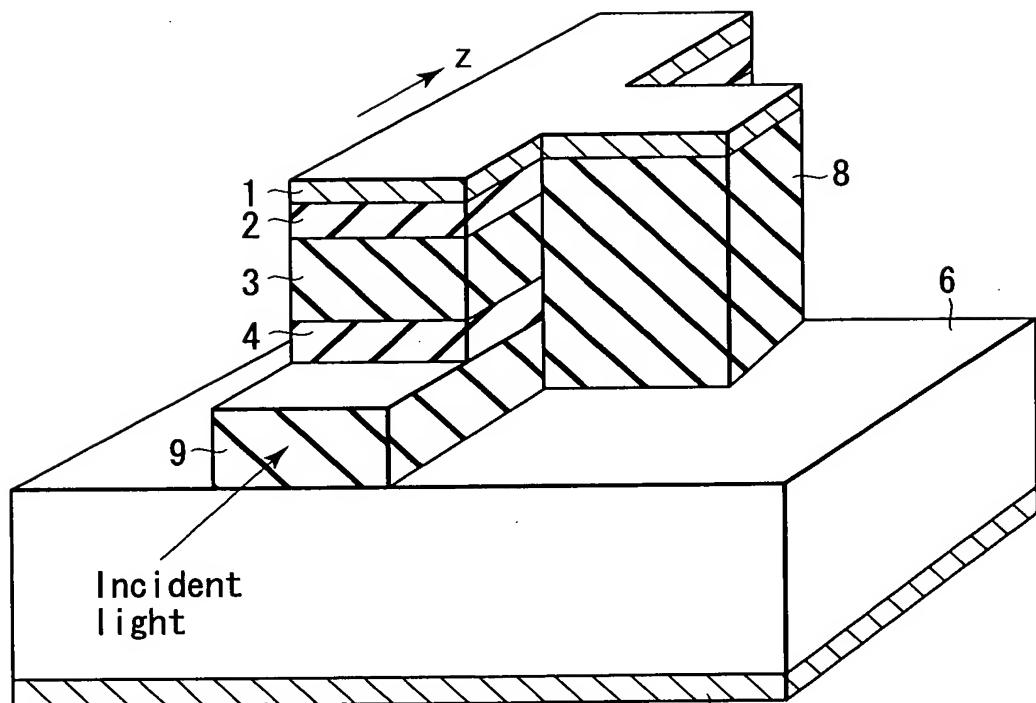


FIG. 38 (PRIOR ART)

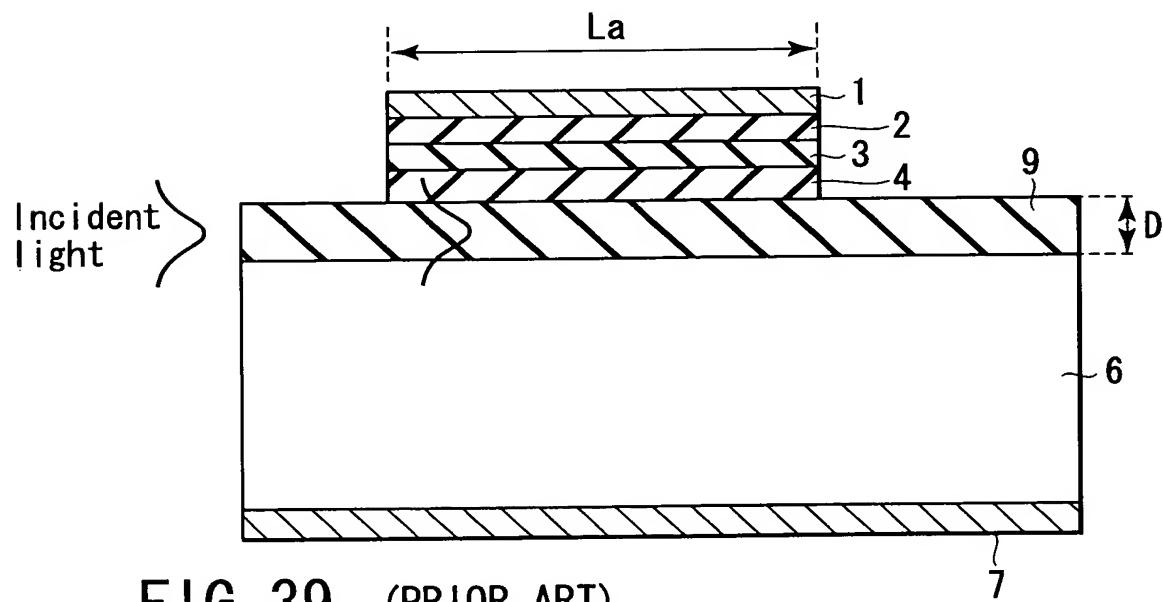


FIG. 39 (PRIOR ART)

FIG. 40A
(PRIOR ART)

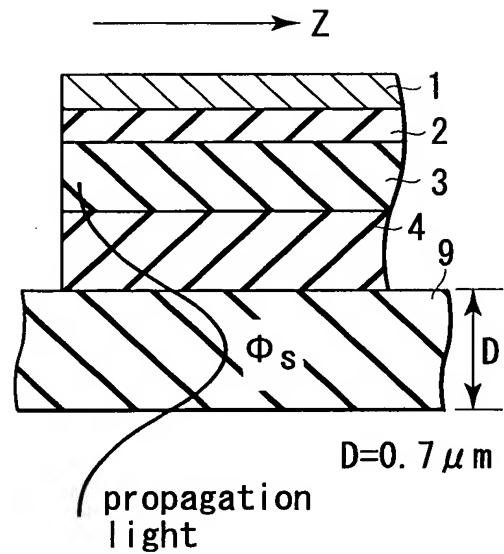


FIG. 40B
(PRIOR ART)

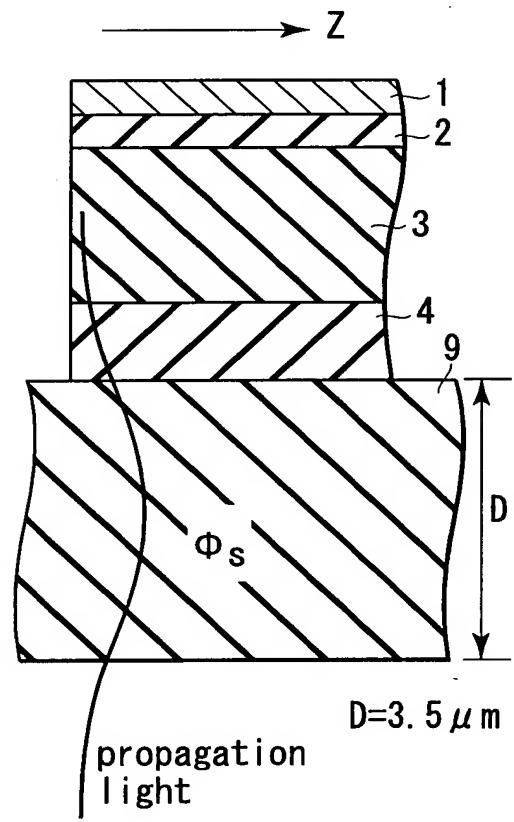


FIG. 41A
(PRIOR ART)

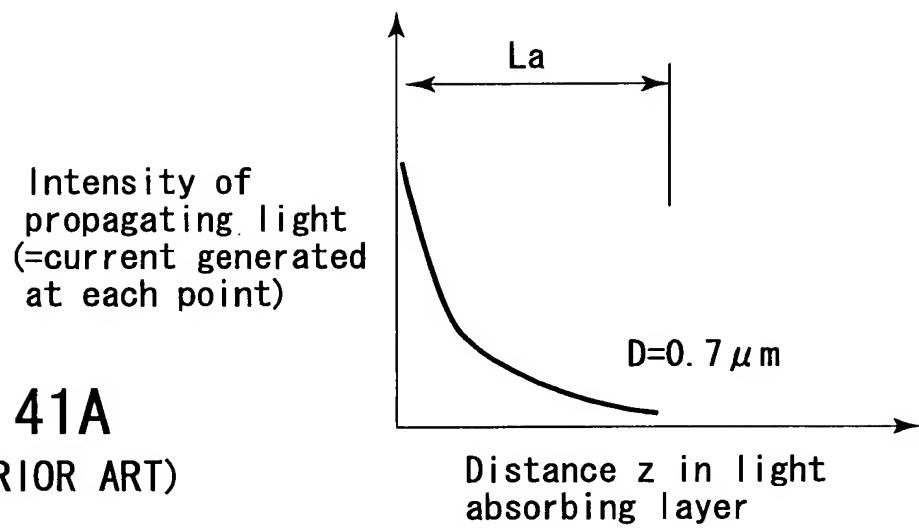
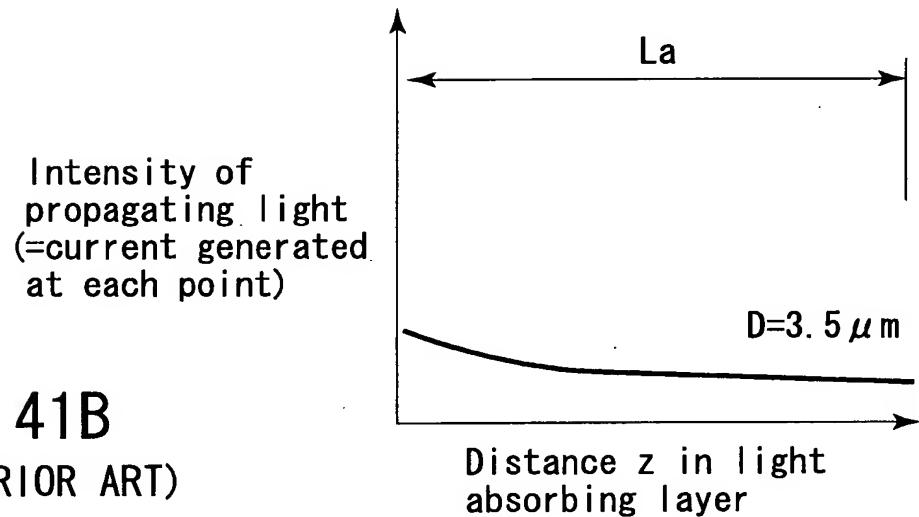


FIG. 41B
(PRIOR ART)



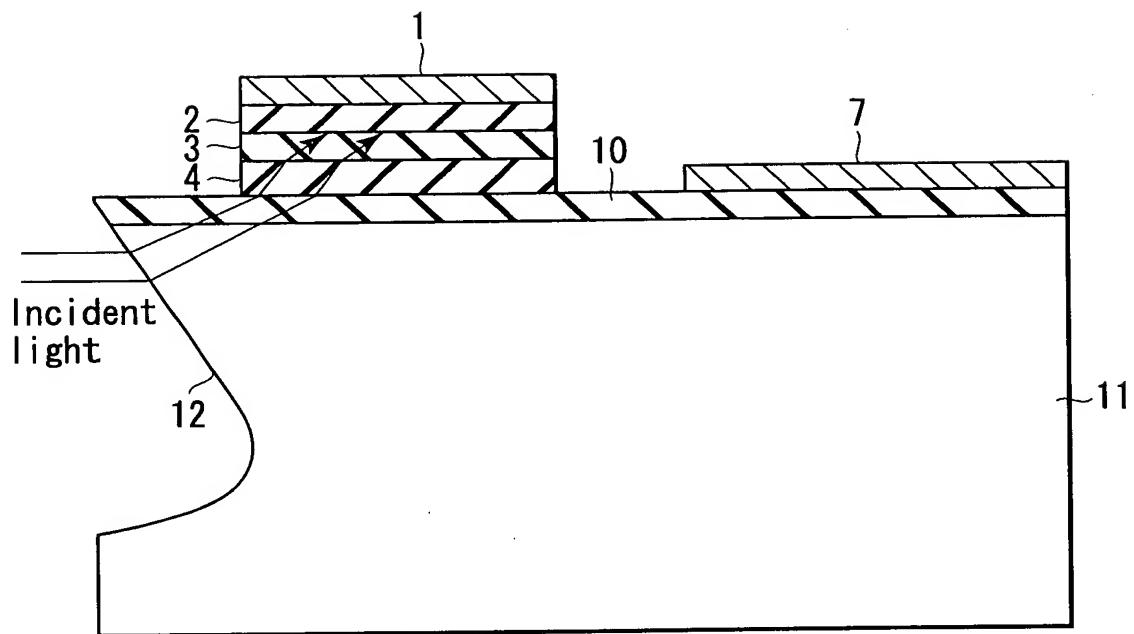


FIG. 42 (PRIOR ART)

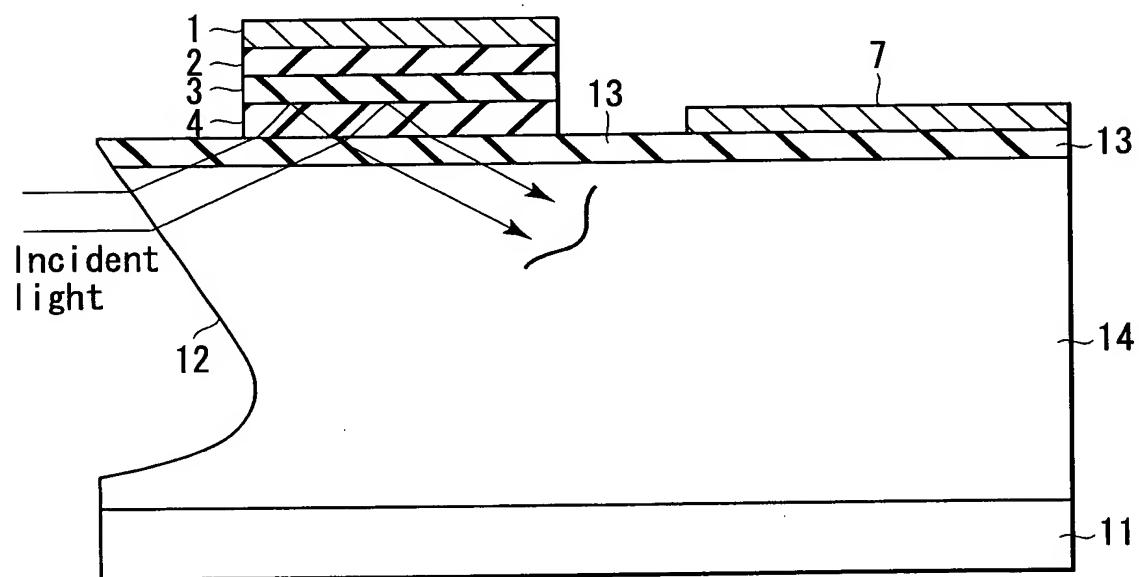


FIG. 43 (PRIOR ART)

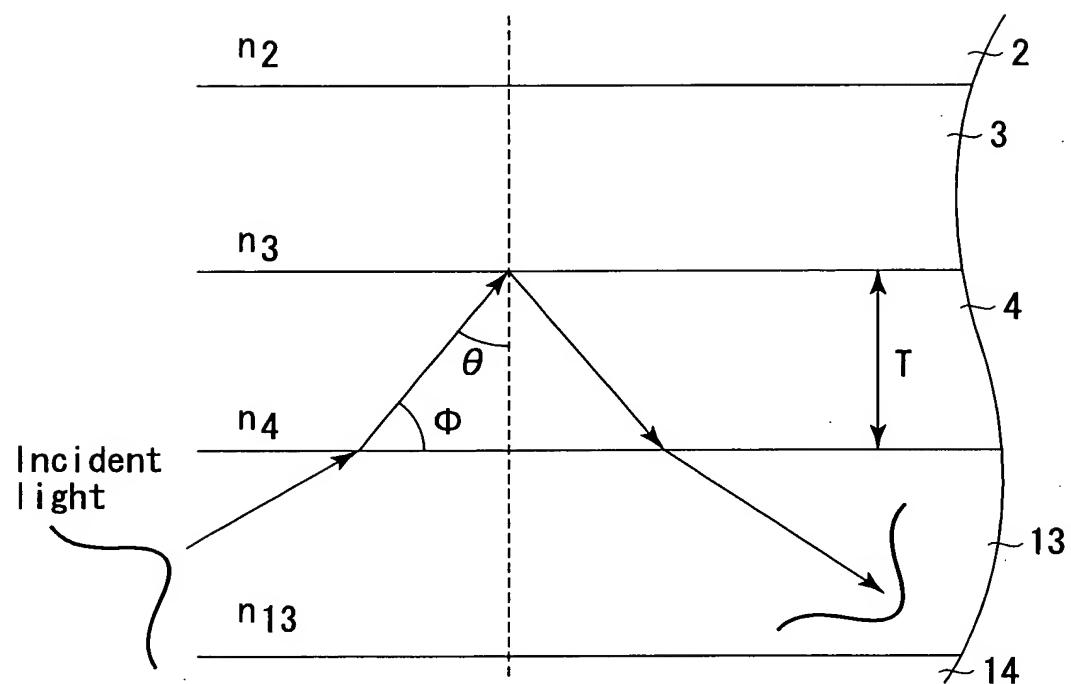


FIG. 44 (PRIOR ART)